Amendment to the Claims:

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

Claims 1-11 - canceled

13. (currently amended) ~~The method according to claim 11,~~ A method of processing a set of transformed input data outputted by a wavelet filter bank decomposer comprising the steps of: receiving a set of transformed data input;

computing a set of measures of variation corresponding to as set of selected areas of a transformed input data;

selecting a subset of the set of areas of the transformed input data on the basis of the set of measures of variation;

determining an ordering for the subset of the set of areas on the basis of the set of measures of variation;

grouping a set of subsets of the set of transformed input data on the basis of the set of measures of spatially correlated sub-bands; and

wherein the step of computing a set of measure of variation corresponding to a set of selected areas of transformed input data comprises the sub-steps of: selecting a plurality of blocks of transformed input data corresponding to the set of all sub-bands; forming norm planes of a plurality of blocks of transformed input data on the basis of the set of measures of variation.

14. (original) The method according to claim 13, wherein each formed norm plane of the set of norm planes is further constructed from subsets of spatially correlated sub-bands.

15. (previously presented) The method according to claim 14, wherein the norm planes are sorted in order of importance based on the magnitude of the set of measures of variation.

16 (original) The method of claim 15, further comprising the step of selecting a number of sorted norm planes according to system channel bandwidth or rate.

17 (original) The wireless system according to claim 15, further comnprising an encoder including programming instructions for transmitting all the norm planes.

18. (original) A wireless system according to claim 15, further comprising an encoder including instructions for transmitting a subset of the norm planes according to system channel bandwidth.

19. (original) A wireless receiving system according to claim 15, further comprising a decoder including instructions for decoding the received subset of the norm planes.